

# **NASA/JAXA Ground Operations Working Group TIM #10**

## **Fluorinert analysis at KSC**

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**Jan.31-Feb.4 2005**

**Japan Aerospace Exploration Agency**

**IHI Aerospace**

## **1. Objective**

**JEM-EF has the cooling loop that is used the fluorinert (FC-72).**

**NASA/JAXA discussed the fluorinert analysis at KSC at previous JEM GOWG. (Action item 9-14)**

**Latest discussion by E-mail shows next page.**

## **2. Present Position**

**1) What is the size of particulates being analyzed for?**

*Res.) The size is specified in SSP 30573 indicated as attachment.*

**2) What is the particle count anticipated and is there a pass/fail criteria for the Fluorinert samples?**

*Res.) The criteria is specified in same document.*

## **2. Present Position (cont.)**

### **3) How would JAXA provide the Fluorinert samples to KSC?**

*Res.) We will plan to provide the Fluorinert by Plastic Bottle or KSC Standard Bottle such as water sampling.*

*If KSC Standard Bottle is compatible with fluorinert (FC-72), we would like to use it. Though fluorinert is stable and inactive in ambient temperature, I hope NASA to confirm that the compatibility between fluorinert (FC-72) and KSC Standard Bottle.*

### **4) Will the samples be in liquid or gaseous form?**

*Res.) Fluorinert is liquid in ambient temperature.*

### 3. Confirmation

- Can we request KSC to analysis FC-72?